

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Moulded-case circuit-breaker MCCB
Name and address of the applicant	WENZHOU TONGOU ELECTRICAL CO.,LTD Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Name and address of the manufacturer	WENZHOU TONGOU ELECTRICAL CO.,LTD Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Name and address of the factory	WENZHOU TONGOU ELECTRICAL CO.,LTD Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Annex
Trademark / Brand (if any)	tongou
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	TOS1-125 Series See Annex
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC FR_703908 dated 24/09/2018. Update further to the evolution of the standard(s) <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2007 +A1:2010 +A2:2014 IEC 60947-2:2016 +A1:2019
As shown in the Test Report Ref. No. which forms part of this Certificate	B200080

This CB Test Certificate is issued by the National Certification Body



LCIE – Laboratoire Central des Industries Electriques
33, avenue du Général Leclerc – BP8
FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr



LABORATOIRE CENTRAL DES
INDUSTRIES ELECTRIQUES
S.A.S au capital de 15.745.984 €
RCS Nanterre B 408 363 174
33 avenue du Général Leclerc
F - 92266 FONTENAY AUX ROSES

Signature: 
Julien Gauthier
Certification Officer

Date: 04/12/2020

ANNEX

References, ratings and main characteristics:

Type reference	TOS1-125/2300	TOS1-125/3300	TOS1-125/4300
Configuration of poles	2P	3P	3P+N
Rated current	16A	16A	16A
	20A	20A	20A
	25A	25A	25A
	32A	32A	32A
	40A	40A	40A
	50A	50A	50A
	63A	63A	63A
	80A	80A	80A
	100A	100A	100A
	125A	125A	125A



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Utilization category	A
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Protection degree :	IP40 for front cover
Rated operational voltage U_e : (V)	400V~
Rated insulation voltage U_i : (V)	690V
Rated impulse withstand voltage U_{imp} : (V)	6kV
Rated current I_e : (A)	16A;20A;25A;32A;40A;50A;63A;80A;100A;125A
Conventional free air thermal current I_{th} : (A)	Same as I_n
Conventional enclosed thermal current I_{the} : (A)	N/A
Rated current for four pole circuit-breakers : (A)	Same as I_n
Rated frequency : (Hz)	50/60Hz
Nature of supply :	~
Total number of poles :	2P;3P;3P+N
Number of protected poles :	2P;3P;3P
Rated duty	Uninterrupted duty
Rated short-time making capacity I_{cm} : (A)	73,5kA
Rated ultimate short-circuit breaking capacity I_{cu} : (A)	35kA
Rated service short-circuit breaking capacity I_{cs} : (A)	22kA
Rated short-time withstand current I_{cw} : (A)	N/A
Electromagnetic compatibility	Thermo-magnetic
Instantaneous tripping current :	10 I_n
Reference ambient calibration air temperature : (°C)	40°C
Pollution degree	3
Material group :	IIIa
safety distance (short-circuit tests) :	Back:0mm Front:0mm Top:50mm Bottom:50mm Left:0mm Right:0mm



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